

**Radio communicating equipment with intelligent warning system****Publication number:** CN1369977**Publication date:** 2002-09-18**Inventor:** BOK S (US); ERIZE O (US); PARNAX C (US)**Applicant:** TEXAS INSTRUMENTS INC (US)**Classification:**

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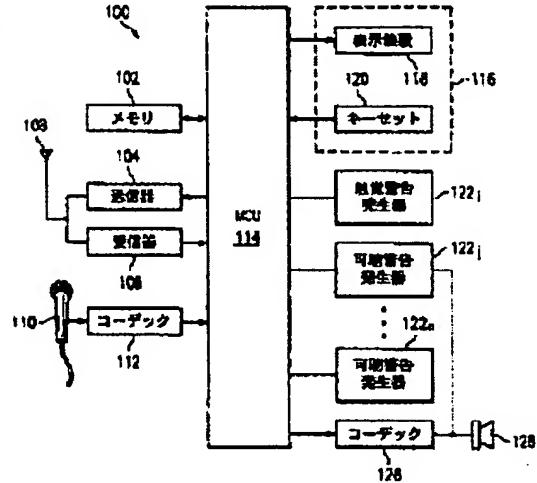
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**PROBLEM TO BE SOLVED:** To provide a radio apparatus for generating an optimum alarm in a prescribed environment. **SOLUTION:** The radio apparatus 100 having a definition of the optimum alarm sequence analyzes its environment including a leading call time and kind, and selects a proper alarm signal sequence. A central processing unit 114 included in the apparatus 100 detects sounds of active and passive types in response to a transmission signal from an external communication system. A reflection signal received from a microphone 110 and a pair of program values or ranges stored in a memory 102 connected to the central processing unit 114 are used as inputs for a program materialized by a programmable storage device, which is executable by the processing unit 114. The central processing unit 114 determines which alarm signal is optimum for the prescribed environment, based on the processing of the reflection signal.



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